

CLAIM AMENDMENTS

1-23. (Cancelled)

24. (Currently amended) An apparatus comprising:

a master control component to maintain a master timeline for a multimedia presentation having a plurality of individual data streams; and
for each of the a-plurality of individual data streams, an individual stream controls corresponding to the individual data streams ~~for~~of the multimedia presentation, wherein each ~~of the~~ of individual stream controls is to maintain a timeline for the corresponding individual data stream and wherein ~~the~~an individual stream control determines when the master timeline is modified by the master control so that the individual stream controls can modify the corresponding individual data streams to accommodate the modified master timeline.

25. (Original) An apparatus as recited in claim 24, wherein the master control component is also to receive a user request for a new playback speed and communicate the new playback speed to the plurality of individual stream controls.

26. (Original) An apparatus as recited in claim 25, wherein the master control component is to communicate the new playback speed to the plurality of individual stream controls by sending a message to each of the plurality of individual stream controls.

27. (Previously Presented) An apparatus as recited in claim 24, wherein each of the plurality of individual stream controls is to monitor the master timeline and adjust the timeline maintained by each such stream control to maintain synchronization with the master timeline.

28. (Original) An apparatus as recited in claim 24, wherein the individual data streams include one or more of an image stream, a text stream, and an animation stream.

29-57. (Cancelled)

58. (Currently amended) A method in a network client for synchronizing streams of a multimedia presentation having a plurality of streams, the streams located at one or more network servers, the method comprising:

maintaining a presentation timeline using a master control;

receiving from the one or more network servers the plurality of streams, each stream of the plurality of streams having a slave control;

detecting an event that causes a change in the presentation timeline;

modifying the master control's presentation timeline in response to the event; and

notifying each slave control of the plurality of streams that the presentation timeline has been modified, so that the slave controls can alter their corresponding streams to accommodate the modified presentation timeline.

59. (Previously presented) The method recited in claim 58, wherein the event is a decrease in the available bandwidth from one or more of the servers to the client.

60. (Previously presented) The method recited in claim 58, wherein the event is an increase in the available bandwidth from one or more of the servers to the client.

61. (Previously presented) The method recited in claim 58, wherein the event is a change in the speed of playback selected by a user viewing the presentation.

62. (Previously presented) The method recited in claim 58 wherein the modifying of the master control's presentation timeline further comprises selecting particular streams for alteration.

63. (Previously presented) The method recited in claim 62 wherein the selecting of particular streams is performed using a priority ranking provided to the master control.

64. (Previously presented) The method recited in claim 62 wherein the selecting of particular streams is performed using a user-supplied ordered list provided to the master control.

65. (Previously presented) The method recited in claim 58 wherein the altering of a stream by a slave control is selected from the group consisting of jumping ahead in the stream, pausing the stream, and time-scale modification of the stream.

66. (Previously presented) The method recited in claim 58 wherein the event is generated by the user choosing the manner of change to the presentation timeline.

67. (Previously presented) The method recited in claim 58 wherein the individual streams include one or more of an image stream, a text stream, and an animation stream.

68. (Previously presented) The method recited in claim 58 wherein the slave controls are located at the network servers.

69. (Previously presented) The method recited in claim 58 wherein the slave controls are located at the network client.

70. (Previously presented) The method recited in claim 58 wherein multiple slave controls are located at the same network server.

71. (Previously presented) The method recited in claim 58 wherein the streams are received from different servers.

72. (Currently amended) A computer-readable medium whose contents cause a computing system to perform a method in a network client for synchronizing a plurality of streams of a presentation of the method comprising:

maintaining a presentation timeline for the presentation using a master control;

receiving the plurality of streams from network servers, each of the plurality of streams having a slave control;

detecting an event that causes a change in the presentation timeline of the presentation; and

modifying the master control's presentation timeline in response to the event;

wherein the master control notifies the slave controls for the plurality of streams that the presentation timeline has been modified so that the slave controls can alter their streams to accommodate the modified presentation timeline.

73. (Previously presented) The computer-readable medium of claim 72, wherein the event is a decrease in the available bandwidth from one or more of the servers to the client.

74. (Previously presented) The computer-readable medium of claim 72, wherein the event is an increase in the available bandwidth from one or more of the servers to the client.

75. (Previously presented) The computer-readable medium of claim 72, wherein the event is a change in the speed of playback selected by a user viewing the presentation.

76. (Previously presented) The computer-readable medium of claim 72 wherein the modifying of the master control's presentation timeline further comprises selecting particular streams for alteration.

77. (Previously presented) The computer-readable medium of claim 76 wherein the selecting of particular streams is performed using a priority ranking provided to the master control.

78. (Previously presented) The computer-readable medium of claim 76 wherein the selecting of particular streams is performed using a user-supplied ordered list provided to the master control.

79. (Previously presented) The computer-readable medium of claim 72 wherein the altering of a stream by a slave control is selected from the group consisting of jumping ahead in the stream, pausing the stream, and time-scale modification of the stream.

80. (Previously presented) The computer-readable medium of claim 72 wherein the event is generated when a user indicates how to change the presentation timeline.

81. (Previously presented) The computer-readable medium of claim 72 wherein the individual streams include one or more of an image stream, a text stream, and an animation stream.

82. (Previously presented) The computer-readable medium of claim 72 wherein the slave controls are located at network servers.

83. (Previously presented) The computer-readable medium of claim 72 wherein the slave controls are located at the network client.

84. (Previously presented) The computer-readable medium of claim 72 wherein multiple slave controls are located at the same network server.

85. (Previously presented) The computer-readable medium of claim 72 wherein the streams are received from different servers.

86. (Currently amended) A system for synchronizing streams of a presentation having a plurality of streams comprising:

a master control component located at a network client for maintaining a presentation timeline;

a first slave control component located at a first network server for controlling a stream being transmitted by the first network server; and

a second slave control component located at a second network server for controlling a stream being transmitted by the second network server;

wherein the master control detects an event that causes a change in the presentation timeline, modifies the presentation timeline in response to the event, and notifies the slave controls components that the presentation timeline has been modified so that the slave controls components can alter their streams to accommodate the modified presentation timeline.

87. (Previously presented) The system of claim 86, wherein the event is a decrease in the available bandwidth from one or more of the servers to the client.

88. (Previously presented) The system of claim 86, wherein the event is an increase in the available bandwidth from one or more of the servers to the client.

89. (Previously presented) The system of claim 86, wherein the event is a change in the speed of playback selected by a user viewing the presentation.

90. (Previously presented) The system of claim 86 wherein the modifying of the master control's presentation timeline further comprises selecting particular streams for alteration.

91. (Previously presented) The system of claim 90 wherein the selecting of particular streams is performed using a priority ranking provided to the master control.

92. (Previously presented) The system of claim 90 wherein the selecting of particular streams is performed using a user-supplied ordered list provided to the master control.

93. (Previously presented) The system of claim 86 wherein the altering of the stream is selected from the group consisting of jumping ahead in the stream, pausing the stream, and time-scale modification of the stream.